

出版物リスト (Publication List)

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A: 査読付き論文 (Refereed Papers)

- 1 Shimada T, Watanabe Y, Furuya T, Nishida K, Samitsu S, Wakayama Y, and Sugiyasu K, Spherulites of Supramolecular Polymers Formed from Undercooled Melts, and their Adhesive Properties, *Chem. Lett.*, **53** (2), upad030 (2024).
<https://doi.org/10.1093/chemle/upad030>
🏆 This article was selected as the Journal's Editor's Choice.
- 2 Furuya T, Kojima H, Nishida K, Fukutani Y, Mutaguchi A, and Koga T, Small-Angle Light Scattering Instrument with Wide Scattering Vector and Wide Dynamic Ranges, *J. Fiber Sci. Technol.*, **79**, 32-46 (2023). [in Japanese with abstract in English]
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- 3 Nishida K, Hikima Y, Koga T, Ohshima M, Visualization of Nonequilibrium Properties of a Crystalline Polymer: Formation of Ring-Lite Due to the Gibbs-Thomson Effect and Dark-Ring Due to the Melting Point Inversion, *Cryst. Growth Des.* **22**, 441-448 (2022). <https://doi.org/10.1021/acs.cgd.1c01069>
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- 4 Chonan Y, Matsuba G, Nishida K, Hu W, Crystal morphology of polyurea on rapid quenching, *Polymer* **213**, 123201 (2021).
- 5 Nishida K, Specifications of multiple-temperature-jump hot-stage for in situ observation and examples of application, *J. Fiber Sci. Technol.* **75**, 145-152 (2019). <https://doi.org/10.2115/fiberst.2019-0017>. [in Japanese with abstract in English]
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C: 教科書・専門書 (Textbooks and Technical Books)

- 1 高分子の結晶化, 延伸による高性能化
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シーエムシー出版 2024年1月 (ISBN: 978-4-7813-1794-6) [in Japanese]
- 2 基礎高分子科学 演習編 第2版
高分子学会 (担当: 分担執筆, 範囲: 6・2章 高分子の結晶化機構)
東京化学同人 2023年1月 (ISBN: 9784807920198) [in Japanese]
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- 4 材料表面の親水・親油の評価と制御設計
石井淑夫 監修 (担当: 分担執筆, 範囲: 第8章第4節 小角光散乱による μm スケールの構造観察)
テクノシステム 2016年7月 (ISBN: 978-4-924728-76-9) [in Japanese]
- 5 高分子の結晶化制御 –研究開発の最前線とその応用–
鞠谷雄士 監修 (担当: 分担執筆, 範囲: 第14章第4節 アイソタクチックポリプロピレンのメゾ相形成とメゾ相からの結晶化)
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- 6 若手研究者のための有機・高分子測定ラボガイド
野瀬卓平／堀江一之／金谷利治・編著 (担当: 分担執筆, 範囲: 第3部16章 光学顕微鏡)
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